



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

FEB 27 1989

6090

April 26, 1988

MEMORANDUM

SUBJECT: **Leo Eisenberg's Property;** Interstate 35 and Armour Road,
North Kansas City, Missouri

FROM: Charles P. Hensley
Chief, EP&R/ENSV

TO: Robert Morby *RM*
Chief, SPFD/WSM

On April 6, 1988, the Emergency Planning and Response Branch (EP&R) received a call on the emergency spill line from Mr. Terry Williams, North Kansas City Fire Department. Mr. Williams reported several black-colored, liquid puddles located at a fill area near the intersection of 16th Street and Interstate 35, North Kansas City.

Bruce Morrison, EP&R, met Mr. Williams at the site at 1500 on April 6. The property is approximately five acres of low-lying land being used as a construction debris fill area. Covering the property is approximately three feet of recent fill consisting of soil, of concrete, of asphalt, and of metal debris. Three large puddles (5 feet by 10 feet) of a black-stained water were observed at the base of the northeast corner of the fill area. A sample was collected from the puddles and analyzed for metals and organic pollutants.

The attached analytical data indicates the presence of high levels of vanadium (100 ppm) and arsenic (4.4 ppm). Also included is the completed preliminary assessment form. Attempts to contact the property owner, Mr. Eisenberg, have been unsuccessful (221-8000).

Please review this site data. If further information is needed, please contact Bruce Morrison of my staff. If you would like to take further action, please advise.

RECEIVED

APR 28 1988

SUPERFUND BRANCH

30808303



Superfund



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

IDENTIFICATION
01 STATE 02 SITE NUMBER

II. SITE NAME AND LOCATION

01 SITE NAME (Legal description or street name of site)

HWY 35 & ARNOLD RD. FILL AREA

02 STREET, ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER

UNKNOWN

03 CITY

NORTH KANSAS CITY

04 STATE

05 ZIP CODE

06 COUNTY

MO.

66116

CLAY

07 COUNTY CODE

08 CONG DIST

09 COORDINATES LATITUDE

39° 08' 20"

LONGITUDE

094° 33' 45"

10 DIRECTIONS TO SITE (Starting from nearest public road)

III. RESPONSIBLE PARTIES

01 OWNER (if owner)

LEO EISENBERG

02 STREET (Business mailing, residential)

UNKNOWN 1101 WALNUT

03 CITY

KANSAS CITY

04 STATE

05 ZIP CODE

06 TELEPHONE NUMBER

MO.

221-8000

(816) 221-8000

07 OPERATOR (if owner and operator, put owner)

UNKNOWN

08 STREET (Business mailing, residential)

09 CITY

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

()

13 TYPE OF OWNERSHIP (check one)

☐ A PRIVATE ☐ B FEDERAL

☐ C STATE

☐ D COUNTY

☐ E MUNICIPAL

☐ F OTHER

☐ G UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (check one)

☐ A RCRA 3001 DATE RECEIVED

MONTH DAY YEAR

☐ B UNCONTROLLED WASTE SITE (RCRA 102) DATE RECEIVED

MONTH DAY YEAR

☐ C NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES DATE 4.6.88

☐ NO

02 (check one)

☒ A EPA

☐ B EPA CONTRACTOR

☐ C STATE

☐ D OTHER CONTRACTOR

☒ E LOCAL HEALTH OFFICIAL ☐ F OTHER

CONTRACTOR NAME(S)

02 SITE STATUS (check one)

☐ A ACTIVE

☒ B INACTIVE

☐ C UNKNOWN

03 YEARS OF OPERATION

BE BEGINNING YEAR

ENDING YEAR

☒ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN OR ALLEGED

WATER SAMPLE COLLECTED - INDICATED: VANADIUM - 100 PPM, ARSENIC - 4.4 PPM

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

POSSIBLE GROUNDWATER CONTAMINATION AND SURFACE RUNOFF.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (check one) If high or medium is selected, complete Part 2. (Please inform us and Part 2. Description of how various conditions and processes)

☐ A HIGH

☒ B MEDIUM

☐ C LOW

☐ D NONE

VI. INFORMATION AVAILABLE FROM

01 CONTACT

BRUCE A. MORRISON

02 OF Agency Organization

USEPA

03 TELEPHONE NUMBER

193 1236-3888

04 PERSON RESPONSIBLE FOR ASSESSMENT

BRUCE A. MORRISON

05 AGENCY

RPA

06 ORGANIZATION

EP&A

07 TELEPHONE NUMBER

193 1236-3888

08 DATE

4.13.88



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED

>10,000
NEAR UNKNOWN EXTENT OF METALS
GROUNDWATER DUE TO PERCOLATION

02 ☐ OBSERVED (DATE 4-6-88)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED
CONTAMINATION PRESENTS A THREAT TO

01 ☒ B SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED

>10,000
BLACK ~~WAS~~ STAINED WATER WAS OBSERVED & ANALYZED,
VANADIUM & ARSENIC CONTAMINATION WERE DETECTED

02 ☒ OBSERVED (DATE 4-6-88)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ C CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ D FIRE EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☒ E DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED

>10,000
UNSECURED SURFACE WATER CONTAMINATION OBSERVED.

02 ☒ OBSERVED (DATE 4-6-88)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ F CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED

5 ACRES
SURFACE WATER CONTAMINATION WAS DETECTED IN STANDING WATER.
(PUDDLES ON GROUND)

02 ☐ OBSERVED (DATE _____)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

01 ☒ G DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED

>10,000
GROUNDWATER IS USED FOR DRINKING WATER IN THE AREA.

02 ☐ OBSERVED (DATE _____)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

01 ☐ H WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☒ I POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED

>10,000
THE PROPERTY IS UNSECURED & IS EASILY ACCESSIBLE TO PUBLIC.

02 ☒ OBSERVED (DATE 4-6-88)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 STATE	02 SITE NUMBER
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POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

NO FLORA OBSERVED

01 ☐ K DAMAGE TO FAUNA

04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

NONE OBSERVED

01 ☐ L CONTAMINATION OF FOOD CHAIN

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

NONE OBSERVED

01 ☐ M UNSTABLE CONTAINMENT OF WASTES

(Include name(s) of containers, location, etc.)

03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

N/A

01 ☐ N DAMAGE TO OFFSITE PROPERTY

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

NONE OBSERVED

01 ☐ O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

RUNOFF FROM SITE WILL REACH STORM SEWERS

01 ☒ P ILLEGAL/UNAUTHORIZED DUMPING

04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE 4-6-88)

☒ POTENTIAL

☐ ALLEGED

THE FILL MATERIAL MAY CONTAIN MATERIALS THAT ARE ILLEGAL TO DUMP.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 210000

IV. COMMENTS

V. SOURCES OF INFORMATION (List specific references, e.g., EPA files, company records, reports)

SITE VISIT 4-6-1988



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

Date: 4/13/88

MEMORANDUM

SUBJECT: Data Transmittal for Activity #: PK825
Site Description: I-35 & Armour Fill Area

FROM: Robert D. Kleopfer, Ph.D. RDK
Chief, Laboratory Branch, ENSV

TO: Charles P. Hensley
Chief, Emergency Planning and Response Branch, ENSV

ATTN: B. Morrison

Attached is the data transmittal for the above referenced site.

This should be considered a Partial or X Complete data transmittal
(completes transmittal of). If you have any questions
or comments, please contact Dee Simmons at 236-3881.

Attachments

cc: Data File

EPA Region VII

Data Qualification Codes

- U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation limit.
- M - Compound was qualitatively identified; however, quantitative value is less than contract required quantitation limits (CLP data); or value is less than limit of quantitation (EPA data) and is, therefore, an estimated value.
- J - The associated numerical value is an estimated quantity.
- I - The data are invalid (compound may or may not be present). Resampling and/or reanalysis is necessary for verification.
- O - Sample lost or not analyzed.
- L - Value known to be higher than value reported.
- N - Presumptive evidence of presence of material.
- NA - Sample was not analyzed for this compound.
- NJ - Presumptive evidence of the presence of the material at an estimated quantity.
- UJ - The material was analyzed for, but was not detected. The sample quantitation limit is an estimated quantity.

Codes for Flash Point Data

- L - The sample did not ignite or "flash." This is the highest temperature at which the sample was tested. It is possible that the material may be ignitable at higher temperatures.
- K - The sample did ignite or "flash" at the lowest temperature tested. This is usually the ambient temperature at the time of the test. It is possible that the material may be ignitable at even lower temperatures.

ITEM-FU

ANALYSIS TYPE: TOTAL METALS

TITLE: I-35 3 ARMOUR

LAB: EPA REGION VII

SAMPLE PREP: GLA

MATRIX: WATER

METHOD: 2001W72

REVIEWER: JB

DATA FILE: GRS

UNITS: UG/L

CASE:

DATE: 04/11/88

PK825001

SILVER	UG/L	100.00
ALUMINUM	UG/L	28000.0
ARSENIC	UG/L	4400.0
BARIUM	UG/L	740.0
BERYLLIUM	UG/L	20.00
CADMIUM	UG/L	50.00
COBALT	UG/L	150.0
CHROMIUM	UG/L	500.0
COPPER	UG/L	5500.0
IRON	UG/L	43000.0
MANGANESE	UG/L	1800.0
MOLYBDENUM	UG/L	1700.0
NICKEL	UG/L	5000.0
LEAD	UG/L	190.0
ANTIMONY	UG/L	500.00
SELENIUM	UG/L	N/A
TITANIUM	UG/L	870.0
THALLIUM	UG/L	3000.00
VANADIUM	UG/L	100000.0
ZINC	UG/L	610.0
CALCIUM	MG/L	150.0
MAGNESIUM	MG/L	20.00
SODIUM	MG/L	10000.0
POTASSIUM	MG/L	N/A

DATE: 4/12/88

FROM: Barry Miller; ESAT Chemist *BBM*

THRU: T. S. Viswanathan; ESAT Manager

TO: Dr. R. D. Kleopfer, EPA; DPO ESAT Program *QOM*

SUBJECT: Analysis of liquid sample for semivolatiles PK82501
EPA TID# 07-8803-061
ICF ACCT# 26-061-01
NSI ACCT# 4631-0611

100 ml of sample PK82501 was extracted with methylene chloride (BNA extraction). The sample had a neutral pH. The extract was highly colored and would not concentrate to less than 1 ml. 2 ul of the extract were injected along with 100 ng HEB as an internal standard. The 4000 was operated in the full scan mode (masses 45-450 with a one second scan rate). The GC program was the same as for a BNA run (55C for four minutes to 300C at 8C/min., hold at 300C for 15 minutes). The only significant peaks found appeared to be a series of phthalate esters at concentrations from 50 to 200ug/L (ppb). However, a close examination of the sample container revealed that the plastic cap was not teflon lined. This sample was also analyzed for metals.

Computer
Distribution
Reviewed

REGION VII INCIDENT NOTIFICATION REPORT

1. Incident Number 04068-1414-1400

Date Closed 1

Real Spill: Y or (N)

2. Reported: (mm/dd/yy)

4/6/88

3. Time: 1400

Recorded By: G. Ness

4. ☐ Through NRC:

5. NRC Case No.:

A.
REPORTER

6. Reported By: Terry Williams North 8-4

7. Organization Name: N. KC Fire Dept

8. Organization: ☐ 9. discharger ☐ 10. public ☐ 11. state ☒ 12. local ☐ 13. federal

14. Address: 1710 E 18th Ave.

15. City: N. Kansas City

16. County: Clay

17. State MO

18. Zip: 66116

19. Phone: (816) 274-6026

Reporter Code ☐

X-Code ☐

- | | | | |
|------------|-----------------|--------------|----------------|
| 1- Spiller | 5- IDNR | 9- Other EPA | 13- KS Other |
| 2- NRC | 6- NDEC | 10- MO Other | 14- Other Fed. |
| 3- USCG | 7- KDHE | 11- IA Other | 15- ANON |
| 4- MDNR | 8- Priv Citizen | 12- NE Other | 16- EPA |

- | | | | |
|--------------------|--------|------------|-------|
| Petroleum | Trans. | Fixed Fac. | Other |
| 1 | 1 | 2 | 3 |
| Misc. Chem. Spills | 4 | 5 | 6 |
| PCB Spills | 7 | 8 | 9 |
| Other Incidents | 10 | 11 | 12 |

B.
DIS-
CHARGER

20. ☐ As Above in A #9 applies

21. Name: Eisenberg Co.

22. Address: 1101 Walnut

23. City: Kansas City

24. County:

25. State MO

26. Zip:

27. Phone: () 221-8000

C.
INCIDENT
LOCAL-
TION

28. ☐ As Above in B

29. Street or Approx. Location: I-35 North to 16th Street, West

old truck docks

30. City: N. Kansas City

31. County: Clay

32. State MO

D.
DATE

33. Spill Date: (mm/dd/yy)

Discovery Date: (mm/dd/yy)

4/6/88

34. Spill Time:

Discovery Time: 12:30

E.
MATERIAL

Material Type (Name): ☐ hazardous substance ☒ oil ☐ other

35. Material ☐ Unknown

UN/ DOT No

CAS No

CHRIS Code

Quantity Spilled

Units (Circle 1)

36. WASTE OIL

37.

38.

39.

40. 50

41. lb

42.

43.

44.

45.

46.

47. lb

48.

49.

50.

51.

52.

53. lb

Primary Material Code ☐

Unit Code ☐

- | | | | |
|----------------------------|---------------------|------------------|------------------|
| 1- PCB | 9- Waste Oil | 17- Fertilizer | 25- Other |
| 2- Dioxin | 10- Other Oil | 18- Metals | 26- Unknown |
| 3- Crude Oil | 11- Petrol Solvents | 19- Acids | 27- Radiological |
| 4- Gasoline | 12- Naptha | 20- Org Solvents | 28- Brine |
| 5- Diesel Oil | 13- Mineral Spints | 21- Caustics | 29- Sewage |
| 6- Other Distillate Fuel | 14- Agric Chemicals | 22- Alcohol | 99- NOT A SPILL |
| 7- Asphalt or Other Resid | 15- Herbicides | 23- Amine | |
| 8- Animal or Vegetable Oil | 16- Insecticides | 24- Aldehyde | |

- | | |
|------------|-----------------|
| 1- Gallons | 6- Unknown Qty. |
| 2- Pounds | 7- PPM |
| 3- Barrels | 8- Pint |
| 4- Tons | 9- Quart |
| 5- Sheen | |

F.
SOURCE

Source of Spill: ☐ 54. highway ☐ 56. railway ☒ 58. fixed facility ☐ 60. offshore

61. Vehicle ID or Carrier No.

55. air transport ☐ 57. vessel ☐ 59. pipeline

Incident Type ☐

- 1- Motor Vehicle
2- Rail
3- Marine

- 4- Pipeline
5- Aircraft
6- Tank

- 7- Ug Tank
8- Discharge
9- Fixed Fac

- 10- Other
11- From Fire
12- Air Release

Project No. _____

62. Description: uncontrolled spill

H.
CAUSE

Reported Cause: ☐ 69. transportation accident ☐ 70. equipment failure

☐ 71. operational error ☐ 72. natural phenomenon

☒ 73. dumping ☐ 74. unknown

☐ 75. other

76. Description: Puddles

7-30-87